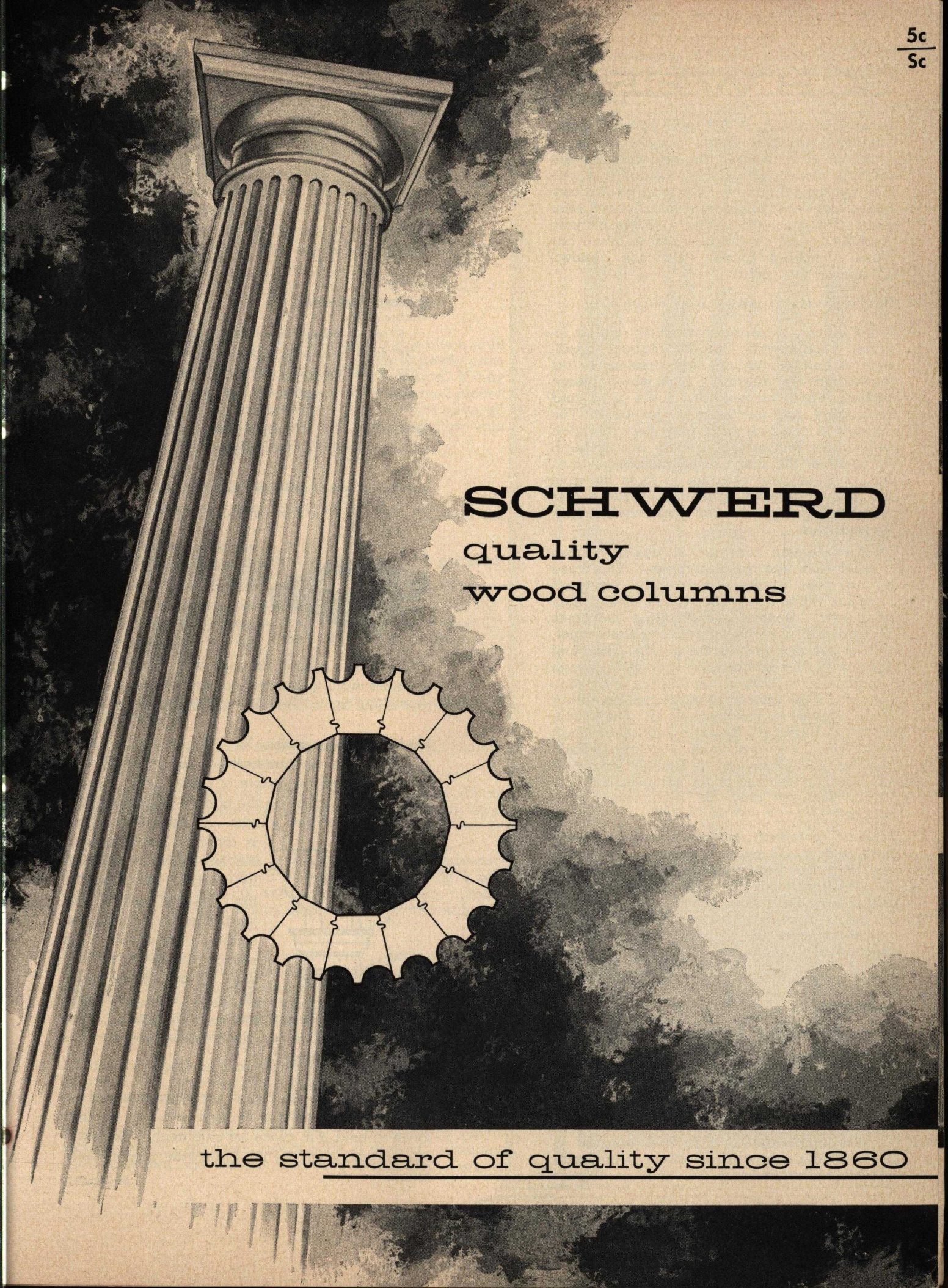

SCHWERD
quality
wood columns
the standard of quality since 1860

# SCHWERD

Since 1860, the A. F. Schwerd Manufacturing Company has contributed wood columns to American Architecture. Schwerd columns are not only esthetically and mathematically correct, but their durability is proved by the continued excellent condition of installations after years of exposure to the most severe climatic conditions. Our careful attention to detail has made "Schwerd Quality Columns" known throughout the country.

### Schwerd columns are durable

Wood columns are constructed by gluing together wood staves. Our 100 years of experience in manufacturingg wood columns has proven that the durability of a wood column depends upon the strength of the joint, and the quality and thickness of the wood. The strength of a glued wood joint depends upon three major factors: The quality and strength of the glue; the area of the surfaces in contact; and sufficient pressure to force the glue into the wood and squeeze out all excess glue, leaving no pockets of coagulated, uncompressed glue.

Schwerd column construction was developed to meet each specific requirement. The wood is the best quality, thoroughly seasoned Northern White Pine, the glue is of the highest quality. Special stave-making machines developed by Schwerd, precisely shape, taper, and tongue and groove the staves. The chief function of the tongue and groove, although it increases the area of the surface in contact, is to aid in the exact alignment and assembly of the staves in columnar form. The result, when the staves are glued together, is a shaft which has the proper taper and entasis built-in. The finished column is *equally heavy* at any point in its length; the lathe turning operation removes only the roughness of the lumber.

Schwerd patented clamps, compressing the shaft with 5,000 pounds pressure, force the glue into the wood and squeeze the excess out. In subsequent operations of drying, turning, fluting, finishing, painting and shipping, the pride of craftsmanship and skilled techniques acquired by 100 years of specialized experience is applied.

The resulting product is a "Schwerd Quality Column," specified by architects with complete confidence.

### custom design available

We have a superior, complete line of standard columns and pilasters. If the Architect wishes to use his own design, we have the facilities for production, and welcome an opportunity to cooperate. Both standard and detail columns can be furnished from 4" to 50" in diameter, and up to 40' in length with matching pilasters.

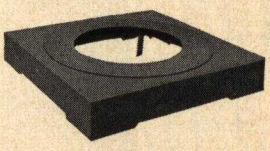
**material**—for exterior columns and pilasters is thoroughly seasoned, Northern White Pine, which we believe is the best lumber available. Interior columns and pilasters are made of hardwoods as specified for natural finish; kiln-dried Poplar for paint finish. All exterior columns are treated with Wood Life preservative; 20" diameter and over are painted inside with black asphaltum.

**thickness of stock**

*6" to 20" dia.—plain and fluted shaft—2" staves*
*21" to 28" dia.—plain and fluted shaft—2½" or 3" staves*
*29" to 40" dia.—plain and fluted shaft—3" staves*
*40" and up —plain and fluted shaft—4" staves*

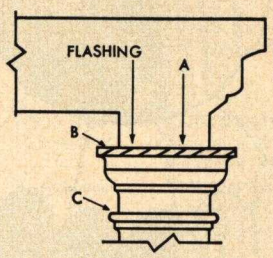
**ventilation**—all columns are shipped provided with ventilation at the bottom.

**ventilated wood plinths**—are supplied on all exterior columns unless otherwise specified.



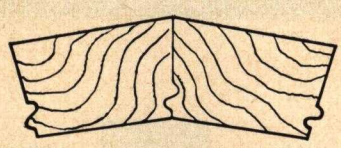
**ventilated metal plinths**—Schwerd cast iron or aluminum ventilated plinths incorporating a raised water table are recommended for all exterior columns and pilasters resting on masonry. They prevent moisture from being pulled up into the column and allow air to circulate up through the shaft.

**lead ventilating pads**—¼", ½", or ¾" thick as specified are recommended to be applied with monel nails to the bottom of Greek Doric column shafts. Also for use on the bottom of turned bases resting on masonry plinths. As each installation is different, ventilation at the top is the responsibility of the contractor on the job. The best method is to vent directly up into the soffit (A), provided it in turn is vented to the outside, or beside the plate (B) on the side facing the building. If this is impossible or impractical, holes can be bored above the neck mold (C) on the side facing the building.

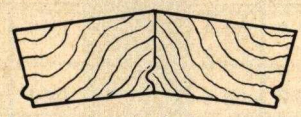



**cap flashing**—16 oz. copper, or other material as specified is formed and secured with only enough tacks to hold it in place for shipment. This facilitates *breaking* on the job to provide proper ventilation.

**superior joints**—one hundred years of experience have resulted in these two simple effective joints which assure exact alignment of the staves, so that the finished, properly glued joint, is actually stronger than the lumber itself.



*for wood staves 3" thick and over*



*for wood staves up to 2" thick (nominal)*

**contractor responsibility**—store columns in a dry place until they can be installed. Do not store in a cellar or newly plastered building, and never lay directly on the ground. If they must be stored outside, lay on bearing timbers and protect with waterproof cover. Immediately after erection, give all columns a coat of white lead and oil paint and follow with two additional coats as soon as possible.

**ordering or requesting quotations**

A. For standard design (shown in this catalog), state the following:

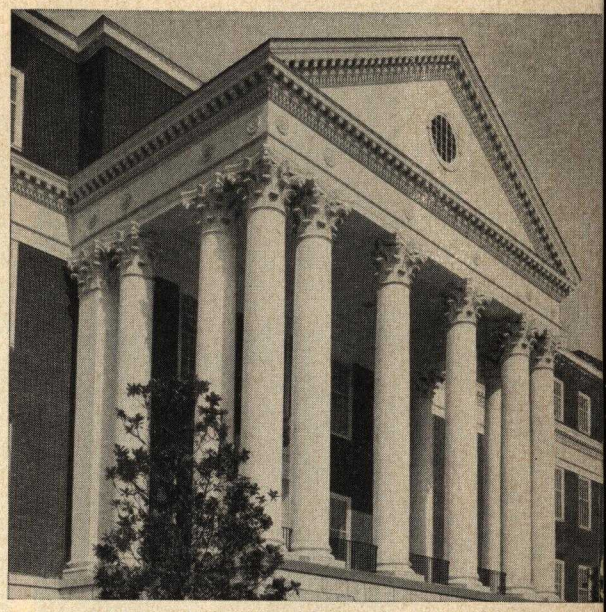
1. Catalog number, quantity of columns and pilasters, and whether for exterior or interior use.
2. Overall length including cap and base (bottom of "M" to top of "E"). Column diameter at bottom of shaft (D), and top of shaft (O). Width of pilasters at bottom of shaft (D), and top of shaft (O), and depth of return to wall.
3. Catalog number and name of ornamental capital, if desired.
4. Whether wood, cast iron, aluminum ventilated plinths, or lead pads are desired.

B. For custom design (not shown in this catalog), submit drawings of columns and pilasters, and supply all information above.

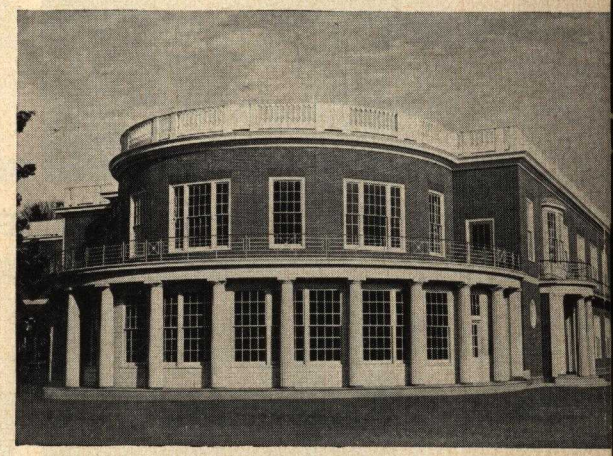
**specification**—"All columns and pilasters shall be manufactured by the A. F. Schwerd Manufacturing Co., 3215 McClure Ave., Pittsburgh, Pa., according to their design number ..... (If a custom design is desired, say "according to Architect's full size details").

Exterior columns shall be made of ..... inch stock (here specify thickness required) Northern White Pine. (For interior columns specify lumber desired.) All joints shall be glued under pressure using the best quality glue. Exterior columns shall be Wood-Life-treated and primed with two coats of paint by the manufacturer.

All capitals shall be flashed with ..... (specify 16 oz. copper or other material). (If ornamental capitals are required, give name and catalog number.) All plinths shall be ..... (Specify ventilated wood, cast iron or aluminum). If square plinths are not furnished by manufacturer, specify lead ventilating pads, if desired.) Columns shall be stored and erected according to manufacturer's instructions."



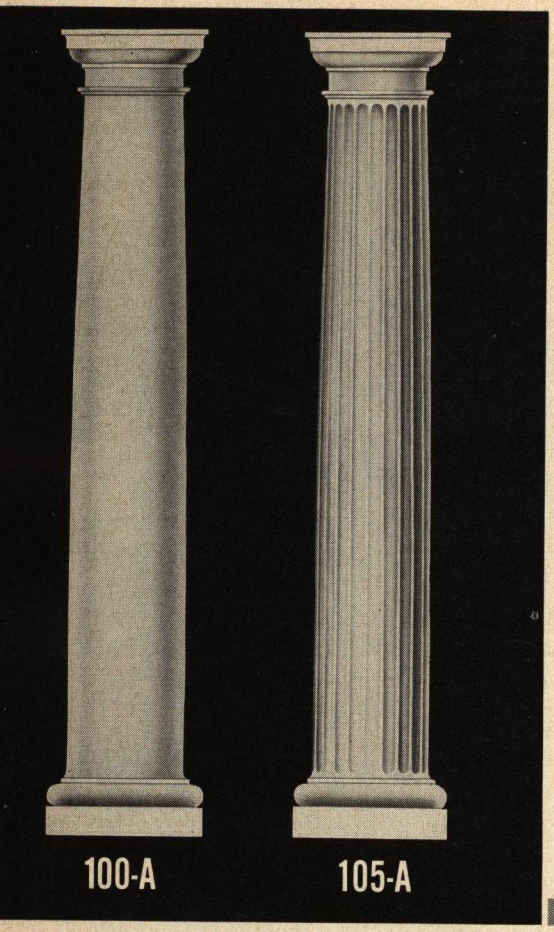
*Library Building, University of Maryland, College Park, Maryland, 18 detail 36" x 29', Henry Powell Hopkins, Architect, Baltimore, Maryland.*



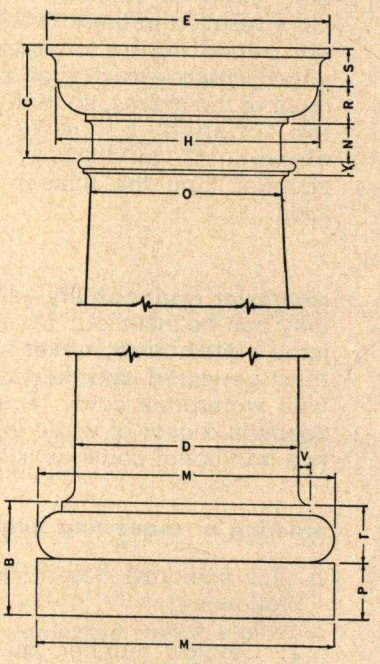
*Williams College, Baxter Hall, Williamstown, Mass. 17 detail 21" x 13', Perry Shaw & Hepburn, Kehoe and Dean, Architects, Boston, Mass.*

*First Presbyterian Church, Johnson City, Tenn. 16 detail 24" x 24', Barber and McMurry, Architects, Knoxville, Tenn.*

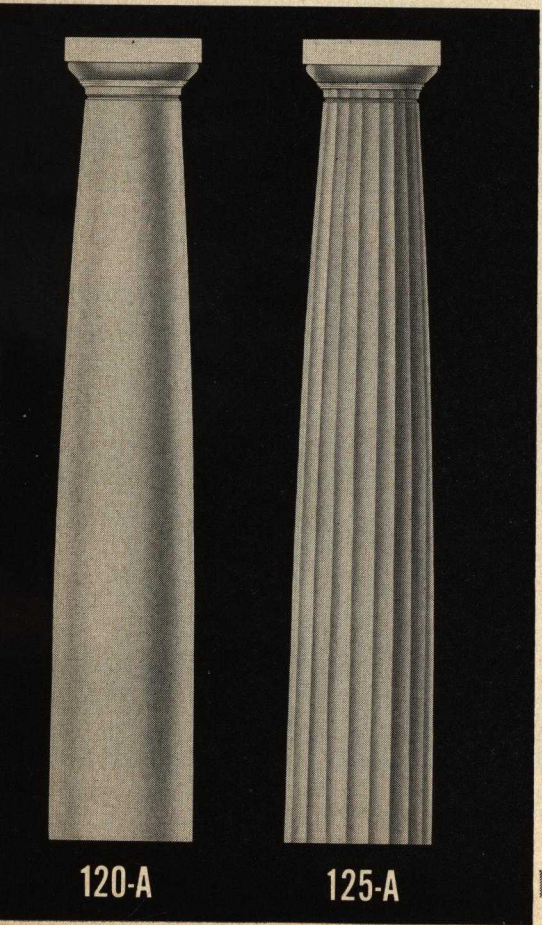
# TUSCAN ORDER



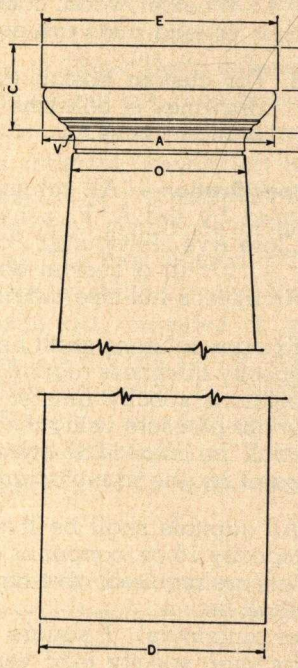

| plan type | catalog no. plain | catalog no. fluted | plan type | catalog no. plain | catalog no. fluted |
|---|---|---|---|---|---|
| A | 100-A | 105-A | I | 100-I | 105-I |
| B | 100-B | 105-B | J | 100-J | 105-J |
| C | 100-C | 105-C | K | 100-K | 105-K |
| D | 100-D | 105-D | L | 100-L | 105-L |
| E | 100-E | 105-E | M | 100-M | 105-M |
| F | 100-F | 105-F | N | 100-N | 105-N |
| G | 100-G | 105-G | O | 100-O | 105-O |
| H | 100-H | 105-H | | | |




# GREEK DORIC ORDER




| plan type | catalog no. plain | catalog no. fluted | plan type | catalog no. plain | catalog no. fluted |
|---|---|---|---|---|---|
| A | 120-A | 125-A | I | 120-I | 125-I |
| B | 120-B | 125-B | J | 120-J | 125-J |
| C | 120-C | 125-C | K | 120-K | 125-K |
| D | 120-D | 125-D | L | 120-L | 125-L |
| E | 120-E | 125-E | M | 120-M | 125-M |
| F | 120-F | 125-F | N | 120-N | 125-N |
| G | 120-G | 125-G | O | 120-O | 125-O |
| H | 120-H | 125-H | | | |



## all dimensions in inches

| diameter at | | total height of | | | cap | | | | | | base | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | height | | | | breadth | | height | | breadth | |
| base | neck | cap and base | cap | base | square | round | | | square | | square | round | round and square | cove |
| D | O | C+B | C | B | S | R | N | Y | E | H | P | T | M | V |
| 6 | 5 | 6 | 3 | 3 | 1 | 1 | 1 | 3/8 | 7 1/2 | 7 | 1 1/2 | 1 1/2 | 8 | 3/8 |
| 7 | 5 13/16 | 7 | 3 1/2 | 3 1/2 | 1 3/16 | 1 3/16 | 1 1/8 | 7/16 | 8 3/4 | 8 3/16 | 1 3/4 | 1 3/4 | 9 3/8 | 7/16 |
| 8 | 6 11/16 | 8 | 4 | 4 | 1 5/16 | 1 5/16 | 1 3/8 | 1/2 | 10 | 9 5/16 | 2 | 2 | 10 5/8 | 1/2 |
| 9 | 7 1/2 | 9 | 4 1/2 | 4 1/2 | 1 1/2 | 1 1/2 | 1 1/2 | 9/16 | 11 1/4 | 10 1/2 | 2 1/4 | 2 1/4 | 12 | 9/16 |
| 10 | 8 5/16 | 10 | 5 | 5 | 1 11/16 | 1 11/16 | 1 5/8 | 5/8 | 12 1/2 | 11 11/16 | 2 1/2 | 2 1/2 | 13 3/8 | 5/8 |
| 11 | 9 3/16 | 11 | 5 1/2 | 5 1/2 | 1 13/16 | 1 13/16 | 1 7/8 | 11/16 | 13 3/4 | 12 13/16 | 2 3/4 | 2 3/4 | 14 5/8 | 11/16 |
| 12 | 10 | 12 | 6 | 6 | 2 | 2 | 2 | 3/4 | 15 | 14 | 3 | 3 | 16 | 3/4 |
| 13 | 10 13/16 | 13 | 6 1/2 | 6 1/2 | 2 3/16 | 2 3/16 | 2 1/8 | 13/16 | 16 1/4 | 15 | 3 1/4 | 3 1/4 | 17 3/8 | 13/16 |
| 14 | 11 5/8 | 14 | 7 | 7 | 2 5/16 | 2 5/16 | 2 3/8 | 7/8 | 17 1/2 | 16 5/16 | 3 1/2 | 3 1/2 | 18 5/8 | 7/8 |
| 15 | 12 1/2 | 15 | 7 1/2 | 7 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 15/16 | 18 3/4 | 17 1/2 | 3 3/4 | 3 3/4 | 20 | 15/16 |
| 16 | 13 5/16 | 16 | 8 | 8 | 2 11/16 | 2 11/16 | 2 5/8 | 1 | 20 | 18 11/16 | 4 | 4 | 21 3/16 | 1 |
| 18 | 15 | 18 | 9 | 9 | 3 | 3 | 3 | 1 1/8 | 22 1/2 | 21 | 4 1/2 | 4 1/2 | 24 | 1 1/8 |
| 20 | 16 5/8 | 20 | 10 | 10 | 3 5/16 | 3 5/16 | 3 3/8 | 1 1/4 | 25 | 23 5/16 | 5 | 5 | 26 11/16 | 1 1/4 |
| 22 | 18 3/8 | 22 | 11 | 11 | 3 5/8 | 3 5/8 | 3 3/4 | 1 3/8 | 27 1/2 | 25 11/16 | 5 1/2 | 5 1/2 | 29 1/4 | 1 3/8 |
| 24 | 20 | 24 | 12 | 12 | 4 | 4 | 4 | 1 1/2 | 30 | 28 | 6 | 6 | 32 | 1 1/2 |
| 26 | 21 5/8 | 26 | 13 | 13 | 4 5/16 | 4 5/16 | 4 3/8 | 1 5/8 | 32 1/2 | 30 5/16 | 6 1/2 | 6 1/2 | 34 3/4 | 1 5/8 |
| 23 | 23 1/4 | 28 | 14 | 14 | 4 5/8 | 4 5/8 | 4 3/4 | 1 3/4 | 35 | 32 11/16 | 7 | 7 | 37 5/16 | 1 3/4 |
| 30 | 25 | 30 | 15 | 15 | 5 | 5 | 5 | 1 7/8 | 37 1/2 | 35 | 7 1/2 | 7 1/2 | 40 | 1 7/8 |
| 32 | 26 5/8 | 32 | 16 | 16 | 5 5/16 | 5 5/16 | 5 3/8 | 2 | 40 | 37 5/16 | 8 | 8 | 42 3/4 | 2 |
| 34 | 28 5/16 | 34 | 17 | 17 | 5 5/8 | 5 5/8 | 5 3/4 | 2 1/8 | 42 1/2 | 39 11/16 | 8 1/2 | 8 1/2 | 45 5/16 | 2 1/8 |
| 36 | 30 | 36 | 18 | 18 | 6 | 6 | 6 | 2 1/4 | 45 | 42 | 9 | 9 | 48 | 2 1/4 |

*Quintin Little Residence, Ardmore, Oklahoma, 8 detail columns, 27" x 20', Robert D. Goodwin, Architect, Dallas, Texas.*

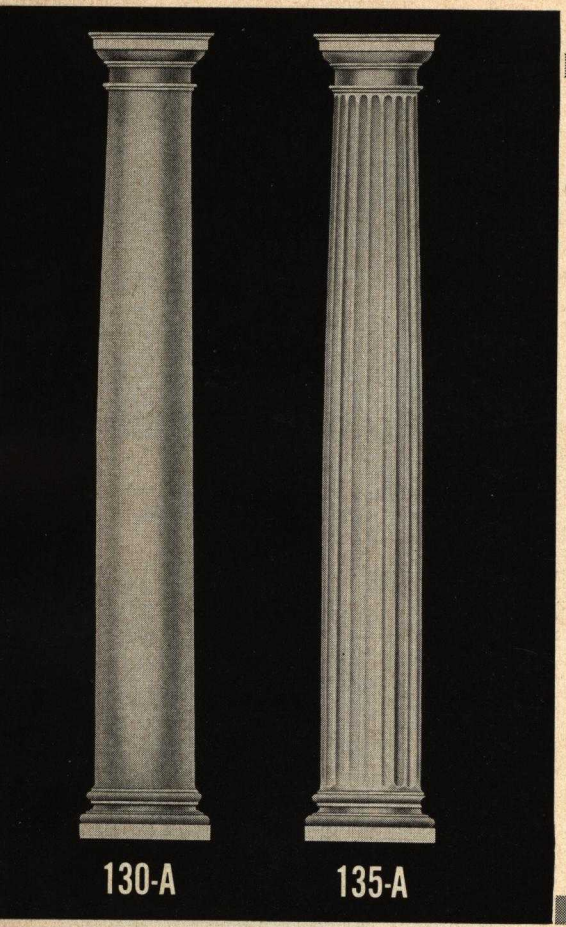
*"White Columns," WSB Radio & T.V. Station, Atlanta, Georgia, 8 detail 22" x 22', Design and Construction, The Austin Company, Cleveland, Ohio.*

## all dimensions in inches

| diameter at | | cap | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | height | | | | breadth | | |
| base | neck | total | square | round | round | square | round | cove |
| D | O | C | S | R | N | E | A | V |
| 6 | 4 1/2 | 2 1/4 | 1 1/8 | 1 1/8 | 1/2 | 6 3/8 | 6 1/4 | 3/16 |
| 7 | 5 1/4 | 2 5/8 | 1 5/16 | 1 5/16 | 5/8 | 7 3/8 | 7 1/4 | 1/4 |
| 8 | 6 | 3 | 1 1/2 | 1 1/2 | 3/4 | 8 3/8 | 8 1/4 | 5/16 |
| 9 | 6 3/4 | 3 3/8 | 1 11/16 | 1 11/16 | 13/16 | 9 3/8 | 9 1/4 | 3/8 |
| 10 | 7 1/2 | 3 3/4 | 1 7/8 | 1 7/8 | 7/8 | 10 1/2 | 10 3/8 | 3/8 |
| 11 | 8 1/4 | 4 1/8 | 2 1/16 | 2 1/16 | 15/16 | 11 1/2 | 11 3/8 | 7/16 |
| 12 | 9 | 4 1/2 | 2 1/4 | 2 1/4 | 1 | 12 1/2 | 12 3/8 | 7/16 |
| 13 | 9 3/4 | 4 7/8 | 2 7/16 | 2 7/16 | 1 1/8 | 13 1/2 | 13 3/8 | 1/2 |
| 14 | 10 1/2 | 5 1/4 | 2 5/8 | 2 5/8 | 1 1/4 | 14 3/8 | 14 3/8 | 1/2 |
| 15 | 11 1/4 | 5 5/8 | 2 13/16 | 2 13/16 | 1 3/8 | 15 5/8 | 15 3/8 | 1/2 |
| 16 | 12 | 6 | 3 | 3 | 1 1/2 | 17 | 16 1/2 | 9/16 |
| 18 | 13 1/2 | 6 3/4 | 3 3/8 | 3 3/8 | 1 5/8 | 18 7/8 | 18 5/8 | 5/8 |
| 20 | 15 | 7 1/2 | 3 3/4 | 3 3/4 | 1 3/4 | 20 7/8 | 20 5/8 | 11/16 |
| 22 | 16 1/2 | 8 1/4 | 4 1/8 | 4 1/8 | 1 7/8 | 23 | 22 3/4 | 3/4 |
| 24 | 18 | 9 | 4 1/2 | 4 1/2 | 2 | 25 | 24 3/4 | 13/16 |
| 26 | 19 1/2 | 9 3/4 | 4 7/8 | 4 7/8 | 2 1/4 | 27 | 26 3/4 | 7/8 |
| 28 | 21 | 10 1/2 | 5 1/4 | 5 1/4 | 2 1/2 | 29 1/4 | 28 7/8 | 15/16 |
| 30 | 22 1/2 | 11 1/4 | 5 5/8 | 5 5/8 | 2 3/4 | 31 1/4 | 30 3/4 | 1 |
| 32 | 24 | 12 | 6 | 6 | 3 | 34 | 33 | 1 1/8 |
| 34 | 25 1/2 | 12 3/4 | 6 3/8 | 6 3/8 | 3 1/8 | 35 5/8 | 34 1/8 | 1 1/4 |
| 36 | 27 | 13 1/2 | 6 3/4 | 6 3/4 | 3 1/4 | 37 3/4 | 37 1/8 | 1 3/8 |

*Allison Memorial Methodist Church, Carlisle, Pennsylvania, 8 detail 32" x 26', A. Hensel Fink, Architect, Philadelphia, Pennsylvania.*

# DORIC CAP AND ATTIC BASE




| plan type | catalog no. plain | catalog no. fluted | plan type | catalog no. plain | catalog no. fluted |
|---|---|---|---|---|---|
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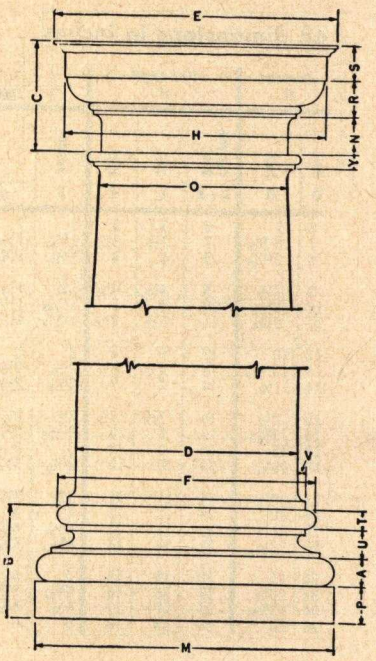
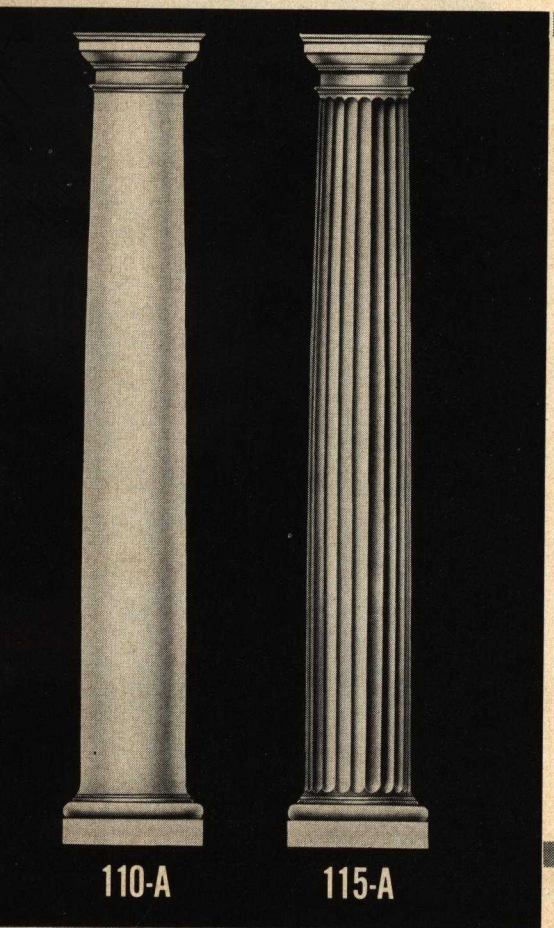
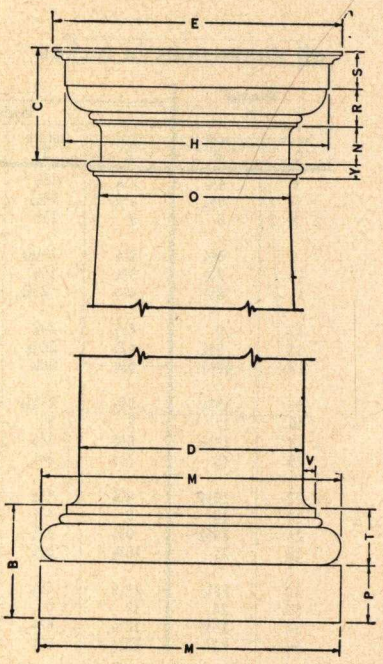
| B | 130-B | 135-B | J | 130-J | 135-J |
| C | 130-C | 135-C | K | 130-K | 135-K |
| D | 130-D | 135-D | L | 130-L | 135-L |
| E | 130-E | 135-E | M | 130-M | 135-M |
| F | 130-F | 135-F | N | 130-N | 135-N |
| G | 130-G | 135-G | O | 130-O | 135-O |
| H | 130-H | 135-H | | | |




# ROMAN DORIC ORDER




| plan type | catalog no. plain | catalog no. fluted | plan type | catalog no. plain | catalog no. fluted |
|---|---|---|---|---|---|
| A | 110-A | 115-A | I | 110-I | 115-I |
| B | 110-B | 115-B | J | 110-J | 115-J |
| C | 110-C | 115-C | K | 110-K | 115-K |
| D | 110-D | 115-D | L | 110-L | 115-L |
| E | 110-E | 115-E | M | 110-M | 115-M |
| F | 110-F | 115-F | N | 110-N | 115-N |
| G | 110-G | 115-G | O | 110-O | 115-O |
| H | 110-H | 115-H | | | |



## all dimensions in inches

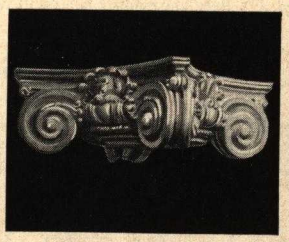
| diameter at | | total height of | | | cap | | | | | | base | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | height | | | | breadth | | height | | | | breadth | | |
| base | neck | cap + base | cap | base | square | round | | | square | | square base | bottom round | middle round | top round | top round | bottom round and square | cove |
| D | O | C+B | C | B | S | R | N | Y | E | H | P | A | U | T | F | M | V |
| 6 | 5 | 6 | 3 | 3 | 1 | 1 | 1 | 3/8 | 7 11/16 | 7 | 15/16 | 3/4 | 13/16 | 1/2 | 7 | 8 | 3/16 |
| 7 | 5 13/16 | 7 | 3 1/2 | 3 1/2 | 1 1/8 | 1 1/8 | 1 1/4 | 7/16 | 8 7/8 | 8 1/16 | 1 1/16 | 7/8 | 15/16 | 9/16 | 8 1/4 | 9 3/8 | 1/4 |
| 8 | 6 11/16 | 8 | 4 | 4 | 1 5/16 | 1 5/16 | 1 3/8 | 1/2 | 10 3/16 | 9 5/16 | 1 1/4 | 1 | 1 1/8 | 5/8 | 9 3/8 | 10 5/8 | 1/4 |
| 9 | 7 1/2 | 9 | 4 1/2 | 4 1/2 | 1 1/2 | 1 1/2 | 1 1/2 | 9/16 | 11 1/2 | 10 1/2 | 1 3/8 | 1 1/8 | 1 1/4 | 3/4 | 10 9/16 | 12 | 1/4 |
| 10 | 8 5/16 | 10 | 5 | 5 | 1 5/8 | 1 5/8 | 1 3/4 | 5/8 | 12 3/4 | 11 9/16 | 1 5/8 | 1 1/4 | 1 3/8 | 3/4 | 11 3/4 | 13 3/8 | 3/8 |
| 11 | 9 3/16 | 11 | 5 1/2 | 5 1/2 | 1 13/16 | 1 13/16 | 1 7/8 | 11/16 | 14 1/16 | 12 13/16 | 1 3/4 | 1 3/8 | 1 3/8 | 1 | 13 1/2 | 14 5/8 | 3/8 |
| 12 | 10 | 12 | 6 | 6 | 2 | 2 | 2 | 3/4 | 15 5/16 | 14 | 1 7/8 | 1 1/2 | 1 5/8 | 1 | 14 | 16 | 3/8 |
| 13 | 10 13/16 | 13 | 6 1/2 | 6 1/2 | 2 1/8 | 2 1/8 | 2 1/4 | 13/16 | 16 9/16 | 15 1/16 | 2 | 1 5/8 | 1 13/16 | 1 1/16 | 15 1/4 | 17 3/8 | 1/2 |
| 14 | 11 5/8 | 14 | 7 | 7 | 2 5/16 | 2 5/16 | 2 3/8 | 7/8 | 17 3/4 | 16 1/4 | 2 1/8 | 1 3/4 | 2 | 1 1/8 | 16 1/2 | 18 5/8 | 1/2 |
| 15 | 12 1/2 | 15 | 7 1/2 | 7 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 13/16 | 19 1/8 | 17 1/2 | 2 1/4 | 1 7/8 | 2 1/8 | 1 1/4 | 17 5/8 | 20 | 5/8 |
| 16 | 13 5/16 | 16 | 8 | 8 | 2 5/8 | 2 5/8 | 2 3/4 | 1 | 20 3/8 | 18 9/16 | 2 1/2 | 2 | 2 1/4 | 1 1/4 | 18 3/4 | 21 1/4 | 5/8 |
| 18 | 15 | 18 | 9 | 9 | 3 | 3 | 3 | 1 1/8 | 23 | 21 | 2 3/4 | 2 1/4 | 2 1/2 | 1 1/2 | 21 1/8 | 24 | 3/4 |
| 20 | 16 5/8 | 20 | 10 | 10 | 3 5/16 | 3 5/16 | 3 3/8 | 1 1/4 | 25 1/2 | 23 1/4 | 3 1/4 | 2 1/2 | 2 3/4 | 1 1/2 | 23 1/2 | 26 3/4 | 3/4 |
| 22 | 18 3/8 | 22 | 11 | 11 | 3 5/8 | 3 5/8 | 3 3/4 | 1 3/8 | 28 1/8 | 25 5/8 | 3 1/2 | 2 3/4 | 2 7/8 | 1 7/8 | 27 | 29 1/4 | 7/8 |
| 24 | 20 | 24 | 12 | 12 | 4 | 4 | 4 | 1 1/2 | 30 5/8 | 28 | 3 3/4 | 3 | 3 1/4 | 2 | 28 | 32 | 7/8 |
| 26 | 21 5/8 | 26 | 13 | 13 | 4 5/16 | 4 5/16 | 4 3/8 | 1 5/8 | 33 1/8 | 30 1/4 | 4 | 3 1/4 | 3 3/8 | 2 1/8 | 30 1/2 | 34 3/4 | 1 |
| 28 | 23 1/4 | 28 | 14 | 14 | 4 5/8 | 4 5/8 | 4 3/4 | 1 3/4 | 35 1/2 | 32 1/2 | 4 1/4 | 3 1/2 | 4 | 2 1/4 | 33 | 37 1/4 | 1 |
| 30 | 25 | 30 | 15 | 15 | 5 | 5 | 5 | 1 7/8 | 38 1/4 | 35 | 4 1/2 | 3 3/4 | 4 1/4 | 2 1/2 | 35 1/4 | 40 | 1 1/8 |
| 32 | 26 5/8 | 32 | 16 | 16 | 5 5/16 | 5 5/16 | 5 3/8 | 2 | 40 3/4 | 37 1/4 | 5 | 4 | 4 3/8 | 2 5/8 | 37 1/2 | 42 1/2 | 1 1/4 |
| 34 | 28 5/16 | 34 | 17 | 17 | 5 5/8 | 5 5/8 | 5 3/4 | 2 1/8 | 43 1/16 | 39 9/16 | 5 1/4 | 4 1/4 | 4 3/8 | 2 3/8 | 40 | 45 1/8 | 1 3/8 |
| 36 | 30 | 36 | 18 | 18 | 6 | 6 | 6 | 2 1/4 | 46 | 42 | 5 1/2 | 4 1/2 | 5 | 3 | 42 | 48 | 1 1/2 |

## all dimensions in inches

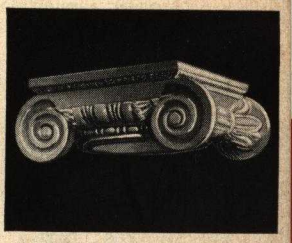
| diameter at | | total height of | | | cap | | | | | | base | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | height | | | | breadth | | height | | breadth | |
| base | neck | cap and base | cap | base | square | round | | | square | | square | round | round and square | cove |
| D | O | C+B | C | B | S | R | N | Y | E | H | P | T | M | V |
| 6 | 5 | 6 | 3 | 3 | 1 | 1 | 1 | 3/8 | 7 11/16 | 7 | 1 1/2 | 1 1/2 | 8 | 3/8 |
| 7 | 5 13/16 | 7 | 3 1/2 | 3 1/2 | 1 1/8 | 1 1/8 | 1 1/4 | 7/16 | 8 7/8 | 8 1/16 | 1 3/4 | 1 3/4 | 9 3/8 | 7/16 |
| 8 | 6 11/16 | 8 | 4 | 4 | 1 5/16 | 1 5/16 | 1 3/8 | 1/2 | 10 3/16 | 9 5/16 | 2 | 2 | 10 5/8 | 1/2 |
| 9 | 7 1/2 | 9 | 4 1/2 | 4 1/2 | 1 1/2 | 1 1/2 | 1 1/2 | 9/16 | 11 1/2 | 10 1/2 | 2 1/4 | 2 1/4 | 12 | 9/16 |
| 10 | 8 5/16 | 10 | 5 | 5 | 1 5/8 | 1 5/8 | 1 3/4 | 5/8 | 12 3/4 | 11 9/16 | 2 1/2 | 2 1/2 | 13 3/8 | 5/8 |
| 11 | 9 3/16 | 11 | 5 1/2 | 5 1/2 | 1 13/16 | 1 13/16 | 1 7/8 | 11/16 | 14 1/16 | 12 13/16 | 2 3/4 | 2 3/4 | 14 5/8 | 11/16 |
| 12 | 10 | 12 | 6 | 6 | 2 | 2 | 2 | 3/4 | 15 5/16 | 14 | 3 | 3 | 16 | 3/4 |
| 13 | 10 13/16 | 13 | 6 1/2 | 6 1/2 | 2 1/8 | 2 1/8 | 2 1/4 | 13/16 | 16 9/16 | 15 1/16 | 3 1/4 | 3 1/4 | 17 3/8 | 13/16 |
| 14 | 11 5/8 | 14 | 7 | 7 | 2 5/16 | 2 5/16 | 2 3/8 | 7/8 | 17 3/4 | 16 1/4 | 3 1/2 | 3 1/2 | 18 5/8 | 7/8 |
| 15 | 12 1/2 | 15 | 7 1/2 | 7 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 15/16 | 19 1/8 | 17 1/2 | 3 3/4 | 3 3/4 | 20 | 15/16 |
| 16 | 13 5/16 | 16 | 8 | 8 | 2 5/8 | 2 5/8 | 2 3/4 | 1 | 20 3/8 | 18 9/16 | 4 | 4 | 21 1/4 | 1 |
| 18 | 15 | 18 | 9 | 9 | 3 | 3 | 3 | 1 1/8 | 23 | 21 | 4 1/2 | 4 1/2 | 24 | 1 1/8 |
| 20 | 16 5/8 | 20 | 10 | 10 | 3 5/16 | 3 5/16 | 3 3/8 | 1 1/4 | 25 1/2 | 23 1/4 | 5 | 5 | 26 3/4 | 1 1/4 |
| 22 | 18 3/8 | 22 | 11 | 11 | 3 5/8 | 3 5/8 | 3 3/4 | 1 3/8 | 28 1/8 | 25 5/8 | 5 1/2 | 5 1/2 | 29 1/4 | 1 3/8 |
| 24 | 20 | 24 | 12 | 12 | 4 | 4 | 4 | 1 1/2 | 30 5/8 | 28 | 6 | 6 | 32 | 1 1/2 |
| 26 | 21 5/8 | 26 | 13 | 13 | 4 5/16 | 4 5/16 | 4 3/8 | 1 5/8 | 33 1/8 | 30 1/4 | 6 1/2 | 6 1/2 | 34 3/4 | 1 5/8 |
| 28 | 23 1/4 | 28 | 14 | 14 | 4 5/8 | 4 5/8 | 4 3/4 | 1 3/4 | 35 1/2 | 32 1/2 | 7 | 7 | 37 1/4 | 1 3/4 |
| 30 | 25 | 30 | 15 | 15 | 5 | 5 | 5 | 1 7/8 | 38 1/4 | 35 | 7 1/2 | 7 1/2 | 40 | 1 7/8 |
| 32 | 26 5/8 | 32 | 16 | 16 | 5 5/16 | 5 5/16 | 5 3/8 | 2 | 40 3/4 | 37 1/4 | 8 | 8 | 42 1/2 | 2 |
| 34 | 28 5/16 | 34 | 17 | 17 | 5 5/8 | 5 5/8 | 5 3/4 | 2 1/8 | 43 1/16 | 39 9/16 | 8 1/2 | 8 1/2 | 45 1/4 | 2 1/8 |
| 36 | 30 | 36 | 18 | 18 | 6 | 6 | 6 | 2 1/4 | 46 | 42 | 9 | 9 | 48 | 2 1/4 |

### ornamental capitals

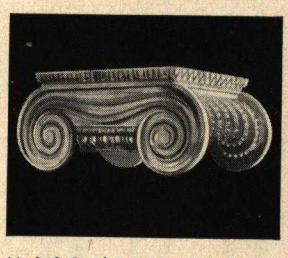
Made of a specially prepared, hard, durable composition, they will withstand the elements as well as other exterior millwork. Stock models shown below are manufactured to correct proportions. Special models can be made to Architect's details. Load-bearing wood plugs, which carry the weight from above, will be furnished by us.



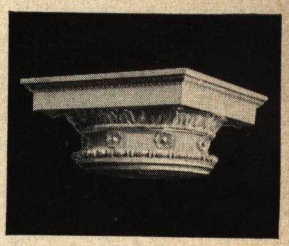
No. 140 Scamozzi



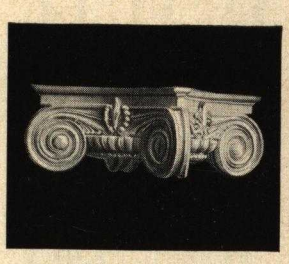
No. 141 Roman Ionic



No. 142 Greek Ionic



No. 143 Roman Doric

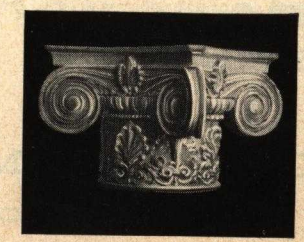


No. 144 Modern Ionic

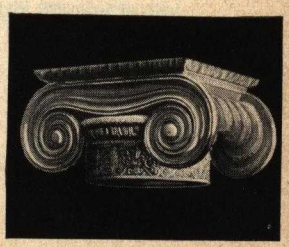
No. 150 Roman Corinthian

No. 151 Composite

No 152 Temple of Winds



No. 153 Modern Ionic with Necking



No. 154 Greek Erechtheum

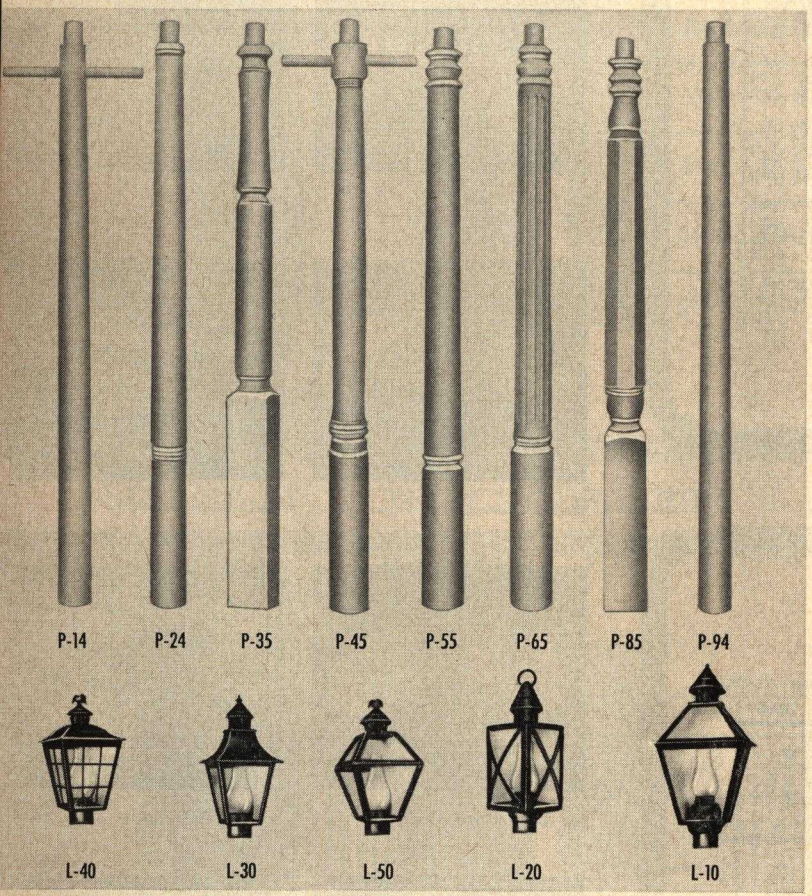
# SCHWERD wood columns

## turned wood posts

Posts are made from sections of Northern White Pine, accurately milled, glued together under pressure, and hand turned. Ample space is provided throughout the height of the post for either electric or gas installation. Standard designs are shown; special designs can be furnished to Architect's details.

**FINISH:** All posts are treated with Wood-Life preservative. Posts are primed two coats of paint, and the lower 18" is dipped in asphaltum paint, as further protection.

**DIMENSIONS:** All posts are 8' long; special heights can be furnished on request. Diameters of the round sections vary from 4" to 5½". Lantern connection is 3"; 3½" supplied on request.




## copper lanterns

Lanterns are made from extra heavy copper. Glass panels are clear glass, and glass chimneys have an acid-etched finish.

**FINISH:** Standard finish is a durable black. Special antique copper finish furnished on request.

**DIMENSIONS:** All lanterns have a 3" collar connection. They range in size from 9" to 13½" square, and from 17" to 26" in height.

## some recent installations of Schwerd columns

**ALABAMA, Jacksonville**
First Baptist Church, 4 detail 34" x 20'
Lawrence S. Whitten, Architect, Birmingham, Ala.

**CONNECTICUT, Wallingford**
The Choate School, 6 detail 26" x 18'
Perry, Shaw, Hepburn & Dean, Architects, Boston, Mass.

**FLORIDA, DeLand**
First Presbyterian Church, 4 detail 24" x 21'
George H. Spohn, Architect, Winter Park, Fla.

**MASSACHUSETTS, Foxboro**
St. Mary's Church, 4 detail 20" x 20'
Arthur G. Manaselian & Associates, Architects, Boston, Mass.

**MASSACHUSETTS, New Bedford**
New Bedford Superior Courthouse, 4 detail 36" x 24'
Bishop & Hackett, Architects, New Bedford, Mass.

**MASSACHUSETTS, Worcester**
Bethany Congregational Church, 4 detail 18" x 23'
John S. Bilzerian, Architect, Worcester, Mass.

**NEW HAMPSHIRE, Exeter**
St. Michael's Church, 4 detail 20" x 18'
John P. Heffernan, Architect, Boston, Mass.

**OHIO, Hubbard**
First Presbyterian Church, 4 detail 15" x 17'
Walter H. Mallorie, Architect, Sharon, Pa.

**OHIO, Rocky River**
Rocky River Methodist Church, 4 detail 27" x 23'
Small, Smith, Reeb & Draz, Architects, Cleveland, Ohio

**PENNSYLVANIA, Allegheny County,**
4 detail 27" x 26'
Westminister Presbyterian Church, Upper St. Clair Township
William C. Young, Architect, Pittsburgh, Pa.
Harold E. Wagoner, Consulting Architect, Philadelphia, Pa.

**PENNSYLVANIA, Williamsport,**
4 detail 12" x 18', 4 detail 10" x 12'
Student's Activities Building, Lycoming College
Wagner & Hartman, Architects, Williamsport, Pa.

**VIRGINIA, Richmond**
Gymnasium, St. Christopher's School, 4 detail 22" x 16'
Baskervill & Son, Hankins & Anderson, Architects, Richmond, Va.

**VIRGINIA, Virginia Beach**
First Presbyterian Church, 4 detail 24" x 23'
A. Hensel Fink, Architect, Philadelphia, Pa.

**WEST VIRGINIA, Moundsville**
First Federal Savings & Loan Association, 6 detail 22" x 15'
A. C. Lenander, Architect, Columbus, Ohio

**WEST VIRGINIA, Salem**
Dormitory, Girl's Industrial School, 4 detail 22" x 17'
George B. Cunningham, Architect, Wheeling, W. Va.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